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In The United States Patent and Trademark Office

In re Application of:

Assignee: Genentech, Inc.
Inventors: Jeffrey L. Cleland et al.
Serial No: 08/846,933
Filed: April 30, 1997
For: METHODS AND
COMPOSITIONS FOR
MICROENCAPSULATION OF
ANTIGENS FOR USE AS
VACCINES

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Group Art Unit: 1641

Examiner: Ryan, V.

Attorney Docket No: 14918-707 CPA4
(Formerly P0825BC3)

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to examination of the above-referenced case, please amend the application as indicated below.

IN THE CLAIMS

1. (Twice Amended) A composition comprising a [an essentially homogenous] population of poly (D-L-lactide-co-glycolide) (PLGA) polymer microspheres encapsulating an [aqueous] antigen, wherein [in] said population is produced from an emulsion comprising aqueous antigen and a PLGA polymer, and

(a) the emulsion comprises [volume of aqueous antigen incorporated into the polymer is equal to or less than] 1 milliliter of aqueous antigen per 3 grams of polymer or less;